Table 1: October 29, 1997 - Subsystem Status.

SS No.	SS Lead	Status	Problems
1.0	Escuadra /Cooper	• Launch-ready subsystem delivered to the DAAC. (Anselmo, Cooper, Escuadra, Hess, Rodier, Spence) • Continue updates to the Radiance Spreadsheet to add Second Time Constant for verification of the new radiance algorithms. (Filer) • Validating parameters written to the IES and BDS. (Hess, Lee, Rodier, Spence) • Updates to subsystem code to help with analysis of TRMM data after launch. (Anselmo, Cooper, Escuadra, Hess, Rodier, Spence) • Updates to IDL program to allow plotting of multiple parameters vs. time. (Lee) • Updating BDS SnapFile merge program with updates in format to the BDS and SnapFiles. (Lee) • Writing a BDS comparison program to allow comparisons of BDS for deliveries and analysis purposes. (Lee, Spence) • Tracking down problem with Read_IES code on lightening. (Spence)	

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SS No.	SS Lead	Status	Problems
2.0	Chang	• Modified ERBE-like PC file generators. (Chang) • Modified ERBE-like programs to provide beginning and ending calendar date and time in the header records of ES8, EID6, ES9, and EID9 for metadata. (Chang) • Updates the PC file generator, scripts, and programs for the PGE that generates the yearly solar declination and ES4 housekeeping file. (Chang) • Started updating the ES8_HDF, ES9_HDF, and ES4_HDF generators to use TK5.2 and new LaTIS file names. (Chang) • Received new set of LW ADMs and normalizing constants from Fletcher and created new set of LW ADMs files. (Chang) • Modified 2.5-deg equal angle plotting code in C++ to directly generate plotting file in ppm format without intermediate ascii file to save disk space. (Liu) • Working on making the ES-8 read/print code available over the Web. (Flug) • Generated new composite snow maps, new LW and albedo thresholds, and the new composite snow map files for initial TRMM data processing. (Kizer) • Working on the script and program to read the NSIDC HDF Snow files and SurfMap Tables and create monthly snow map files for TRMM data processing. (Kizer) • Working on metadata subroutines in the ERBE-like programs. (Snell)	
3.0	Chang	• Combined with above.	

Table 1: October 29, 1997 - Subsystem Status.

SS No.	SS Lead	Status	Problems
4.1	Murray	• Designed and coded modifications to the Correlated K algorithm that provide a consistent interface to the profiles across algorithms. Modified the Skin temperature and Clear SkyTOA temp algorithms that use the new Corrk Interface. (Sun-Mack) • Made and reviewed albedo histograms on DX avhrr data for 18 IGBP types. (Sun-Mack) • Regenerated the start-out albedo map when the IGBP map was re-delivered. (Sun-Mack) • Completed and submitted the VIRS DPC entry to documentation. Began work on the MODIS entry. (McIntire) • Designed, coded, and tested a TK and CERESLIB independent VIRS reader intended for LaRC science users. (McIntire) • Modified CloudsHDF library to read all VIRS metadata and provide this data to the Framework. (McIntire) • Delivered launch-ready QC package. (McIntire) • Produced routine to write metadata to cookiedough, passing relevant information from MOA and imager data to the metadata. (McIntire) • Worked to complete incorporation of required metadata. (Hyer, Murray) • Completed work on a preliminary version of the Latis PCGenerator. (Murray)	
4.2	Murray	• Combined with above.	
4.3	Murray	• Combined with above.	

Table 1: October 29, 1997 - Subsystem Status.

SS No.	SS Lead	Status	Problems
4.4	McKinley	• Completed modifications to binary QC record to eliminate variables crossing word boundaries. Submitted to CERESlib. (Miller) • Integrated SSF range checking subroutine into ASCII QC report. (Miller, Dunton) • Migrated Release 1 subsystem documentation into StP6.3 and made partial updates for Release 2. Began update of Design Document. (McKinley) • Submitted advance-notice Clouds subsystem Delivery Memo to CM on October 24 in accordance with milestone schedule. (McKinley, Murray) • Implemented the capability to dump a SSF footprint and imager pixel data used by reading values from an external file. (Miller) • Successfully read the metadata record from a HDF IES. (Miller)	
4.5	Nolan	• Continued work on a new SW Surface Flux Model B module using the Staylor Algorithm. Code will need clear sky albedo in order to run Staylor Algorithm. (Nolan) • Completed Inversion code which calculates the new temperature contrast parameter on the SSF. (Nolan) • Continued work on code which performs a three channel intercomparison check. (Nolan) • Created an SSF, using the latest version of the ssf_typdef and ssfqc_typdef. (Nolan) • Delivered a README file and the code that creates the Vdata, CERES_Metadata, on all HDF output products. The Vdata contains fourteen of the forty-one CERES metadata. (Franklin) • Continued work to create a module for reading and writing the SSF metadata. (Franklin) • Initiated work to modify the code that creates an HDF file to include the latest updates to the SSF and SSF HDF definitions. (Franklin)	
4.6	Nolan	• Combined with above.	

Table 1: October 29, 1997 - Subsystem Status.

SS No.	SS Lead	Status	Problems
5.0	Coleman	• Processed 2 days, and began processing a third day, of SSF data through SARB in preparation for the 30-day test. Results now under evaluation by Fred and Subsystem 6.0. • Continued with updates to CRS DPC listing as SSF updates became available. • Successfully completed testing with Toolkit 5.2.	
7.2	Coleman	• Combined with above.	
12.0	Coleman	• Contacted DAO with questions regarding parameter definitions and their schedule for producing files with meta data. • Contacted NMC to see if they have already worked on bringing the code they contributed into the modern ages (answer was no).	
7.1	Jimenez	• Combined with below.	
8.0	Jimenez	• Combined with below.	
10.0	Jimenez	• Continued testing zonal/global averaging routines. (Jimenez) • Completed read software for the SRBAVG to give to Georgia for plotting. (Jimenez) • Continued adding code for the new directional models to be used for surface albedos. (Jimenez) • Continued examining the consistency of error handling, and the QA flag. (Raju) • Updated the PCF Generator script to get input file names. (Raju) • Began writing interactive read software for the TISA averaging products. (Raju)	

Table 1: October 29, 1997 - Subsystem Status.

SS No.	SS Lead	Status	Problems
6.0	McKoy	• Testing Subsystem 6 using the CRS data processed for the 3-day test. (McKoy) • Began updating the TISA Gridding processing scripts and implementing the PCF generators. (McKoy) • Began modifying the TISA Gridding main processor software to handle the month boundary problem. (Nyguen) • Began studying the code to determine where to make changes to handle the file boundary problem. (McKoy)	
9.0	McKoy	• Combined with above.	
11.0	Stassi/ Fan	• Put the main-processor context and scenario diagrams into the new StP tool and updated them to reflect changes made in the time since the previous version of StP went away. (Stassi) • Used design diagrams to do some clean up of the processing logic of the code. (Stassi) • Corrected problem with first image of the month having a date stamp from the previous month. (Stassi) • Processing the month of April 1996. (Stassi)	
CERESlib Stassi/ Fan		• The new ssf_typdef module was added to CERESlib. (Nolan) • The ceres_vdata module which creates a Vdata header record was included in CERESlib. The metadata wrapper module, meta_util, was modified to accommodate it. (Franklin, Fan) • CERESlib was redelivered to CM in preparation for delivery this week to the DAAC. (Stassi, Ayers)	
CM	Ayers	• Delivered Instrument (Subsystem 1.0) to the DAAC. (Ayers, McKoy)	
IST	Flug	• No updates	